

Nylon 46 resin compsn. contg. boron nitride - useful for engineering plastics having good heat resistance and mechanical properties

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Patent Family:

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JP 1121361	A	19890515	JP 87278499	A	19871104	198925 B
JP 2502631	B2	19960529	JP 87278499	A	19871104	199626

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Patent Details:

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JP 1121361	A		4		
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Abstract (Basic): JP 1121361 A

Compsn. comprises 50-99wt.% nylon 46, and 1-50wt.% boron nitride.

The nylon 46 is made from adipic acid or its functional deriv., and tetramethylene diamine or its functional deriv. Pref. the boron nitride particles have an average particle size of 1-15 microns. The compsn. may be formed into powders, pellets, etc., and be moulded by pressure, injection, extrusion, etc.

USE/ADVANTAGE - For electric parts, motor car parts, etc. The moulding has good mechanical properties and heat resistance. Compared with such mouldings contg. glass, carbon, etc. fibre reinforcing materials or fillers of talc, mica, etc., the appearance (surface smoothness) and moulding-shrinkage are good.

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Title Terms: NYLON; RESIN; COMPOSITION; CONTAIN; BORON; NITRIDE; USEFUL; ENGINEERING; PLASTICS; HEAT; RESISTANCE; MECHANICAL; PROPERTIES

Derwent Class: A23; A85; L03

International Patent Class (Main): C08L-077/06

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